



EL594608811US 10/91/1554 RLM 10/24/00

The stamp of the Patent Office hereon, may be taken as

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<sup>National Phase</sup>  
PATENT APPLICATION of KOWALEWSKI, Frank

Title Method For the Transmission of Data,  
And Apparatus For the Transmission of Data

Specification 9pgs

No. of claims 9

No. of drawings 2

Declaration unsigned

Filing fee \$ 860.00

IDS & PTO Form 1449

International Search Report

International Preliminary Examination Report  
PCT Antrag

Assignment

525 Rec'd PCT/PTO 24 OCT 2000

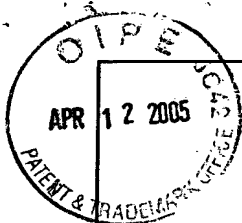
Recording fee \$

Authorization to charge Dep. Acct. 11-0600

Priority Document

Preliminary Amendment yes

Small Entity



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT

Docket Number  
10191/1554

Application Number  
To Be Assigned

Filing Date  
Herewith

Examiner  
To Be Assigned

Art Unit  
To Be Assigned

Invention Title  
**METHOD FOR THE TRANSMISSION OF  
DATA, AND APPARATUS FOR THE  
TRANSMISSION OF DATA**

Inventor  
Frank KOWALEWSKI

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant hereby bring the references listed on the attached modified PTO form 1449 to the attention of the Examiner. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated.

Dated: 24 OCT 2005

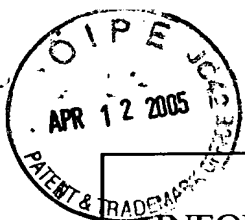
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
PTO FORM 1449

Atty. Docket No.  
10191/1554

Serial No.  
To Be Assigned

Applicant  
Frank KOWALEWSKI

Filing Date  
Herewith

Group  
To Be Assigned

U. S. PATENT DOCUMENTS

| EXAMINER'S<br>INITIALS | PATENT<br>NUMBER | PATENT<br>DATE | NAME | CLASS | SUBCLASS | FILING<br>DATE |
|------------------------|------------------|----------------|------|-------|----------|----------------|
|                        |                  |                |      |       |          |                |
|                        |                  |                |      |       |          |                |

FOREIGN PATENT DOCUMENTS

| EXAMINER'S<br>INITIALS | DOCUMENT<br>NUMBER | DATE           | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
|------------------------|--------------------|----------------|---------|-------|-----------|-------------|----|
|                        |                    |                |         |       |           | YES         | NO |
|                        | DE 196 16 829      | April 24, 1997 | Germany |       |           | X*          |    |
|                        |                    |                |         |       |           |             |    |
|                        |                    |                |         |       |           |             |    |
|                        |                    |                |         |       |           |             |    |
|                        |                    |                |         |       |           |             |    |

\* Copy not provided since the reference was cited in the Search Report (copy provided by International Searching Authority).

OTHER DOCUMENTS

| EXAMINER'S<br>INITIALS | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.  |
|------------------------|---|
|                        | A. Klein et al., "Zero forcing and minimum mean-square-error equalization for multiuser detection in code-division-multiple-access channels," IEEE Transactions on Vehicular Technology, Vol. 45, No. 2, Pages 276-287 (May 1996).* |
|                        | Rapajic, Vucetic, "Linear adaptive transmitter-receiver structures for asynchronous CDMA systems," European Transactions on Telecommunications and Related Technologies, Vol. 6, No. 1, Pages 21-27 (January 1995).*                |
|                        | Xiaodong Wang, Poor, "Blind equalization and multiuser detection in dispersive CDMA channels," IEEE Transactions on Communications, Vol. 46, No. 1, Pages 91-103 (January 1998).*   |
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\* Copy not provided since the reference was cited in the Search Report (copy provided by International Searching Authority).

| EXAMINER  | DATE CONSIDERED |
|---|-----------------|
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |                 |